

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A dental delivery tool sized and configured for delivery of a dental composition into a dental preparation, comprising:

a hollow body configured to deliver a dental composition therefrom, the hollow body having a proximal receiving end, a distal delivery end, and a passageway communicating therebetween, the hollow body having a rim distal to the receiving end and a wall extending between the rim and the receiving end; and

a plurality of fibers coupled to at least a portion of the hollow body, said fibers having first ends coupled to the hollow body and second ends extending laterally away from the hollow body;

wherein a portion of the fibers extend a length "L" distally beyond the rim of the hollow body;

wherein a portion of the fibers are coupled along the wall a distance "D" proximally with respect to the rim; and

wherein the distance "D" is at least ~~about~~ two and one half times greater than the length "L".

2. (Currently Amended) A dental delivery tool as recited in claim 1, wherein a least a portion of the fibers extending the length "L" distally beyond the rim of the hollow body are coupled to the rim of the hollow body so as to extend laterally away from the rim.

3. (Original) A dental delivery tool as recited in claim 2, wherein at least a portion of the fibers coupled to the rim extend substantially perpendicularly from a face of the rim.

4. (Original) A dental delivery tool as recited in claim 1, wherein at least a portion of the fibers coupled along the wall of the hollow body extend substantially perpendicularly from the wall.

5. (Original) A dental delivery tool as recited in claim 1, wherein the delivery tool comprises a delivery tip.

6. (Currently Amended) A dental delivery tool as ~~recited~~ recited in claim 5, wherein the delivery tip is adapted for attachment to a syringe.

7. (Original) A dental delivery tool as recited in claim 1, wherein the delivery tool comprises an endodontic irrigator.

8. (Original) A dental delivery tool as recited in claim 1, wherein the delivery tool comprises a dental applicator.

9. (Original) A dental delivery tool as recited in claim 1, wherein at least a portion of the hollow body is curved.

10. (Original) A dental delivery tool as recited in claim 1, wherein at least a portion of the hollow body is rigid.

11. (Original) A dental delivery tool as recited in claim 1, wherein the fibers are deposited onto the hollow body by electrostatic flocking.

12. (Original) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about three times greater than the length "L".

13. (Original) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about four times greater than the length "L".

14. (Original) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about five times greater than the length "L".

15. (Currently Amended) A dental delivery tool sized and configured for delivery of a dental composition into a dental preparation, comprising:

an elongate hollow body configured to deliver a dental composition therefrom, the hollow body having a proximal receiving end, a distal delivery end and a passageway communicating therebetween, the hollow body having a rim distal to the receiving end and a body wall extending between the rim and the receiving end;

coupling means for coupling the elongate hollow body to a delivery device; and

a plurality of fibers coupled to at least a portion of the hollow body, said fibers having first ends coupled to the hollow body and second ends extending laterally away from the hollow body;

wherein a portion of the fibers extend a length "L" distally beyond the rim of the hollow body;

wherein a portion of the fibers are coupled along the wall a distance "D" proximally with respect to the rim; and

wherein the distance "D" is at least about two and one half times greater than the length "L".

16. (Original) A dental delivery tool as recited in claim 15, wherein at least a portion of the fibers extending the length "L" distally beyond the rim of the hollow body extend substantially perpendicularly from a face of the rim.

17. (Original) A dental delivery tool as recited in claim 15, wherein at least a portion of the fibers coupled along the wall of the hollow body extend substantially perpendicularly from the wall.

18. (Original) A dental delivery tool as recited in claim 15, wherein the coupling means is adapted for coupling the elongate hollow body to a syringe.

19. (Original) A dental delivery tool as recited in claim 15, wherein the fibers are deposited onto the hollow body by electrostatic flocking.

20. (Original) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about three times greater than the length "L".

21. (Original) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about four times greater than the length "L".

22. (Original) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about five times greater than the length "L".

23. (Currently Amended) A method for manufacturing a dental delivery tool sized and configured for delivery of a dental composition to a dental preparation, the method comprising:

providing an elongate hollow body configured for delivery of a dental composition therefrom, the elongate hollow body having a proximal receiving end, a distal delivery end and a passageway communicating therebetween, the distal delivery end having a rim and a wall; and

coupling a plurality of fibers onto at least a portion of the elongate hollow body in a manner so that a portion of the fibers extend a length "L" distally beyond the rim of the hollow body and a portion of the fibers are coupled along the wall a distance "D" proximally with respect to the rim, and so that first ends of the fibers are coupled to the hollow body and second ends of the fibers extend laterally away from the hollow body,

wherein the distance "D" is at least ~~about~~ two and one half times greater than the length "L".

24. (Currently Amended) A method as recited in claim 23, wherein the fibers are deposited onto the ~~annula~~ hollow body through electrostatic flocking.

25. (Currently Amended) A ~~dental delivery tool~~ method as recited in claim 23, wherein the distance "D" is at least about three times greater than the length "L".

26. (Currently Amended) A ~~dental delivery tool~~ method as recited in claim 23, wherein the distance "D" is at least about four times greater than the length "L".

27. (Currently Amended) A ~~dental delivery tool~~ method as recited in claim 23, wherein the distance "D" is at least about five times greater than the length "L".

28. (New) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about 6 times greater than the length "L".

a. 29. (New) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about 7 times greater than the length "L".

30. (New) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about 8 times greater than the length "L".

31. (New) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about 9 times greater than the length "L".

32. (New) A dental delivery tool as recited in claim 1, wherein the distance "D" is at least about 10 times greater than the length "L".

33. (New) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about 6 times greater than the length "L".

34. (New) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about 7 times greater than the length "L".

35. (New) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about 8 times greater than the length "L".

36. (New) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about 9 times greater than the length "L".

37. (New) A dental delivery tool as recited in claim 15, wherein the distance "D" is at least about 10 times greater than the length "L".

38. (New) A method as recited in claim 23, wherein the distance "D" is at least about 6 times greater than the length "L".

39. (New) A method as recited in claim 23, wherein the distance "D" is at least about 7 times greater than the length "L".

40. (New) A method as recited in claim 23, wherein the distance "D" is at least about 8 times greater than the length "L".

41. (New) A method as recited in claim 23, wherein the distance "D" is at least about 9 times greater than the length "L".

42. (New) A method as recited in claim 23, wherein the distance "D" is at least about 10 times greater than the length "L".

43. (New) A dental delivery tool sized and configured for delivery of a dental composition into a dental preparation, comprising:

a hollow body configured to deliver a dental composition therefrom, the hollow body having a proximal receiving end, a distal delivery end, and a passageway communicating therebetween, the hollow body having a rim distal to the receiving end and a wall extending between the rim and the receiving end, at least a portion of the hollow body being rigid; and

a plurality of fibers coupled to at least a portion of the hollow body;

wherein a portion of the fibers extend a length "L" distally beyond the rim of the hollow body;

wherein a portion of the fibers are coupled along the wall a distance "D" proximally with respect to the rim, wherein at least a portion of the fibers coupled along the wall of the hollow body extend substantially perpendicularly from the wall; and

wherein the distance "D" is at least about two and one half times greater than the length "L".
